

PTO/SB/52 (07-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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	Docket Number (optional)
REISSUE APPLICATION DECLARATION BY THE ASSIGN	021028-0305369
I hereby declare that:	
The residence, mailing address and citizenship of the inventors are	stated below.
The residence, mailing address and ditzensing of the inventor and I am authorized to act on behalf of one of the following assignees: Do	SM IP Assets B.V.; JSR Corporation; Japan Fine Coatings Co., Ltd.
and the title of my position with said assignee is: Proxy for DSM IF	P Assets B.V.
The entire title to the patent identified below is vested in said assign	nee(s).
Inventor Tetsuya YAMAMURA	Citizenship Japan
Decidence (Mailing Address	
2-15-2-504 Umezona, Tsukuba, ibaraki, 305, Japan	* Citizenship
Inventor Tsuyoshi WATANABE	Japan
Posidence/Mailing Address	
1 a 47 205 Namiki Teukuha Ibaraki 305, Japan	hoots attached hereto
Additional Inventors are named on separately numbered s	ate of Patent Issued
	April 2, 2002
	OTO-FABRICATION OF THREE-DIMENSIONAL OBJECT
I believe said inventor(s) to be the original and first inventor(s) of the patent, for which a reissue patent is sought on the invention entitle PHOTO-CURABLE RESIN COMPOSITION USED FOR PHOTO-I	u .
the specification of which	
is attached hereto.	
× was filed on September 26, 2003 as	reissue application number 10 / 671,438
and was amended on(If applicable)	
I have reviewed and understand the contents of the above identification amendment referred to above.	
I acknowledge the duty to disclose information which is material to	patentability as defined in 37 CFR 1.56.
I hereby claim foreign priority benefits under 35 U.S.C. 119((or equivalent) listing the foreign applications.	
I verily believe the original patent to be wholly or partly inoperative below. (Check all boxes that apply.)	e or invalid, for the reasons described
by reason of a defective specification or drawing.	
x by reason of the patentee claiming more or less than he ha	d the right to claim in the patent.

x by reason of other errors. [Page 1 of 2]
This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including to process) and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. [Page 1 of 2]

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Under the Paperwork Reduction Act of 1995, no per	rsons are required to respond to	a collection o	D00(00114min = (- 1	onal)
REISSUE APPLICATION DECLAR	ATION BY THE ASSIG	NEE	021028-0305369	
At least one error upon which reissue is base	ed is described as follows:			
Claim 14 does not further limit claim 11.				
Claim 14 does not remain mine summer				
	[Attach additional sheets			
All errors corrected in this reissue application	n arose without any decer	tive intent	ion on the part of the ap	olicant.
I hereby appoint:				İ
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Practitioners at Customer Number:	3 004			
OR ·				
Practitioner(s) named below:				
Name			Registration Number	er
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as my/our attorney(s) or agent(s) to prosect States Patent and Trademark Office connec	ute the application identificted therewith.	ed above,	and to transact all busine	ess in the Office
Correspondence Address: Direct all commu	unications about the appli	cation to:		
Customer Number: 6.5740	00909			
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I hereby declare that all statements made and belief are believed to be true; and	herein of my own knowled	dge are tru ements we	ere made with the know	wledge that willful false
and belief are believed to be true; and statements and the like so made are punis	shable by fine and impriso	nment, or	both, under 18 U.S.C. 1	001, and that such willful
false statements may jeopardize the va	lidity of the application,	any pater	nt issuing thereon, or a	nly patent to which the
declaration is directed. Full name of person signing (given name, Jeroen DEN HARTOG	family name)			
Signature Signature	art		Date	
Address of Assignee	No the deads			
Het Overloon 1, 6411 TE Heerlen, The	Netherlands [Page 2 of	21		



below. (Check all boxes that apply.)

by reason of other errors.

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by reason of a defective specification or drawing.

[MODIFIED]

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE are required to respond to a collection of information unless it displays a valid OMB control number.

Docket Number (optional) REISSUE APPLICATION DECLARATION BY THE ASSIGNEE(S) 021028-0305369 I hereby declare that: The residence, mailing address and citizenship of the inventors are stated below. I am authorized to act on behalf of one of the following assignee(s): DSM IP Assets B.V.; JSR Corporation; Japan Fine Coatings Co., Ltd. and the title of my position with said assignee is: General Manager for JSR Corporation The entire title to the patent identified below is vested in said assignee(s) Citizenship Inventor Tetsuva YAMAMURA Japan Residence/Mailing Address 2-15-2-504 Umezona, Tsukuba, ibaraki, 305, Japan Citizenship Inventor Tsuyoshi WATANABE Japan Residence/Mailing Address 3-17-305 Namiki, Tsukuba, Ibaraki, 305, Japan Additional Inventors are named on separately numbered sheets attached hereto. **Date of Patent Issued** Patent Number April 2, 2002 6,365,644 Title of Invention PHOTO-CURABLE RESIN COMPOSITION USED FOR PHOTO-FABRICATION OF THREE-DIMENSIONAL OBJECT I believe said inventor(s) to be the original and first inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled: PHOTO-CURABLE RESIN COMPOSITION USED FOR PHOTO-FABRICATION OF THREE-DIMENSIONAL OBJECT the specification of which is attached hereto. September 26, 2003 as reissue application number. was filed on . and was amended on (If applicable) I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. [Page 1 of 2] ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described

by reason of the patentee claiming more or less than he had the right to claim in the patent.

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[Page 2 of 2]



[MODIFIED]

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	Docket Number (optional)					
REISSUE APPLICATION DECLARATION BY THE ASSIGNEE(S	021028-0305369					
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The residence, mailing address and citizenship of the inventors are stated	below.					
I am authorized to act on behalf of one of the following assignees: DSM IP	Assets B.V.; JSR Corporation; Japan Fine Coatings Co., Ltd.					
and the title of my position with said assignee is: Authorized Signin	g Officer for Japan Fine Coatings Co., Ltd.					
The entire title to the patent identified below is vested in said assignee(s).						
Inventor Tetsuya YAMAMURA	Citizenship Japan					
Residence/Mailing Address 2-15-2-504 Umezona, Tsukuba, ibaraki, 305, Japan						
Inventor Tsuyoshi WATANABE	Citizenship Japan					
Residence/Mailing Address 3-17-305 Namiki, Tsukuba, Ibaraki, 305, Japan						
Additional Inventors are named on separately numbered sheets a	attached hereto.					
Patent Number Date of F 6,365,644 April 2,	Patent Issued 2002					
Title of Invention PHOTO-CURABLE RESIN COMPOSITION USED FOR PHOTO-F						
THOTO-CORABLE RESIN COMPOSITION USED FOR FILOTO-F	ABRICATION OF THIREE-DIMENSIONAL OBSECT					
I believe said inventor(s) to be the original and first inventor(s) of the subject patent, for which a reissue patent is sought on the invention entitled:	ect matter which is described and claimed in said					
PHOTO-CURABLE RESIN COMPOSITION USED FOR PHOTO-FABRIC	ATION OF THREE DIMENSIONAL OR IECT					
PHOTO-CONABLE RESIN COMPOSITION OSEB FOR PHOTO-FABRIC	ATION OF THICE-DIMENSIONAL OBJECT					
the specification of which						
is attached hereto.						
x was filed on September 26, 2003 as reissue	application number10/671,438					
and was amended on	·					
(If applicable)						
I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.						
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.						
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by reason of a defective specification or drawing.						
x by reason of the patentee claiming more or less than he had the right to claim in the patent.						
x by reason of other errors.						

[Page 1 of 2]
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				Docket Number (Optional)		
REISSUE APPLICATI	ON DECLAR	RATION BY THE	ASSIGNEE	021028-0305369		
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Katsutoshi IGARASHI	(Alveir Haille,	idining ridinie)				
Signature				Date	•	
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Address of Assignee						
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[Page 2 of 2]



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REISSUE APPLICATION DECLARATION BY THE INVENTOR Docket Number (Optional) 021028-0305369

I hereby declare that: Each inventor's residence, mailing address and citizenship are stated below next to their name. I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed and for which a granted April 2, 2002 6.365.644 reissue patent is sought on the invention entitled PHOTO-CURABLE RESIN COMPOSITION USED FOR PHOTO-FABRICATION OF THREE-DIMENSIONAL OBJECT the specification of which is attached hereto. was filed on September 26, 2003 as reissue application number X and was amended on (If applicable) I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications. I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.) by reason of a defective specification or drawing. x by reason of the patentee claiming more or less than he had the right to claim in the patent. X by reason of other errors. At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening: At least one error: Claim 14 does not further limit claim 11. Broadening: This is a broadening reissue. Note that new composition claims 51 and 66 do not list the epoxy compounds enumerated in claim 1. Also, new claims 51 and 66 do not state that an H-shaped object obtained by curing the composition has a dimensional accuracy value of less than or equal to 0.10 mm.

[Page 1 of 2]
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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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(REISSUE APPLICATION DECLARATION BY THE INVENTO	Docket Number (Optional) PR, page 2)					
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.						
Note: To appoint a power of attorney, use form PTO/SB/81.						
Correspondence Address: Direct all communications about the	e application to:					
X Customer Number: 00909						
OR .						
Firm or						
Individual Name Address						
Address	•					
City	State Zip					
Country						
Telephone	Fax					
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.						
Full name of sole or first inventor (given name, family name)	etsuya ÝAMAMURA					
Inventor's signature (Tetsuya Janamura)	Date Feb. 13, 2004					
Residence Ibaraki, Japan	Citizenship Japan					
Mailing Address 2-15-2-504 Umezona, Tsukuba, Ibaraki, 305, Japan						
Full name of second joint inventor (given name, family name)	Tsuyoshi WATANABE					
Inventor's signature	Date					
Residence Ibaraki, Japan	Citizenship Japan					
Mailing Address 3-17-305 Namiki, Tsukuba, Ibaraki, 305, Japan						
Full name of third joint inventor (given name, family name) Akira TAKEUCHI						
Inventor's signature (apira Jakewski)	Date Feb. 16. 2004					
Residence Ibaraki, Japan	Citizenship Japan					
Mailing Address 2-13-28-212 Kawaguchi, Tsuchiura, Ibaraki, 300, Japan						
Additional joint inventors or legal representative(s) are named on separatel	y numbered sheets forms PTO/SB/02A or 02LR attached hereto.					

U.S. Faterit and Trademark Office, U.S. DEPARTMENT OF COMMISSION OF STREET AND ACT OF 1995 no persons are required to respond to a collection of information unless it contains a valid OMS control number

DECLARATION – Supplemental Priority Data Sheet

Foreign applications:					
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy	Attached? NO
96-352893	Japan	12/13/1996			X
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This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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Docket Number (Optional)

REISSUE APPLICATION DECLARATION BY THE INVENTOR

021028-0305369

I hereby declare that: Each inventor's residence, mailing address and citizenship are stated below next to their name. I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number
is attached hereto.
was filed on <u>September 26, 2003</u> as reissue application number <u>10/671.438</u>
and was amended on (If applicable)
I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.
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- At least one error: Claim 14 does not further limit claim 11.
- Broadening: This is a broadening reissue. Note that new composition claims 51 and 66 do not list the epoxy compounds enumerated in claim 1. Also, new claims 51 and 66 do not state that an H-shaped object obtained by curing the composition has a dimensional accuracy value of less than or equal to 0.10 mm.

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U.S. Patern and Trademark Office; U.S. DEPARTMENT OF COMMERC.

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DECLARATION – Supplemental Priority Data Sheet

Foreign applications:					
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy YES	Attached?
96-352893	Japan	12/13/1996			X
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